

C E R T I F I E D

25X1

16 March 1966

25X1

Subject: [redacted] Project [redacted]  
Progress Report - January/February 1966

25X1

25X1

Gentlemen,

Enclosed is a copy of [redacted] Progress  
Report on Project [redacted] for the period covered  
January/February 1966. Also included is a copy of our  
Financial Report for the period.

25X1

25X1

Very truly yours,

25X1

LHB/de

Enc: (1) P.R.  
(1) F.R.

25X1

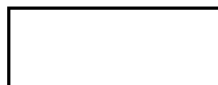
Declass Review by NIMA / DoD

25X1

25X1

25X1

25X1

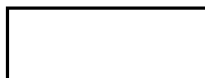


PROGRESS REPORT

Period Covered: January - February 1966

25X1

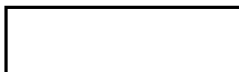
Document No.:



Dated: 15 March 1966

PRESENT STATUS

25X1



Fabrication - mechanical - 95% complete - only a few items associated with the handwheel drives are yet to be completed.

Electrical - approximately 50% - this is due to the fact that a full experimental breadboard of the drive system was never constructed due to cost considerations and the instrument was first operated in mid February using "breadboard" type of electronics. A number of operational problems were encountered and are currently being resolved.

25X1



Fabrication of parts 75% complete. Balance of fabrication works lies mainly in the machining and finishing of the main castings.

Assembly - sub-assemblies have been started. Main assembly has not been started for lack of the finished base castings.

25X1

PROBLEM AREAS

25X1



Difficulty is being encountered in the arrangement and interconnection of all the various electronic components required for the power assist. This is due to the requirements that all electronic components must be contained within the original dimensions and a separate electronic package is not permitted.

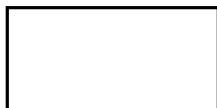
Some problems have been encountered in the operation of the power assist, especially at the low end of its speed range. This is requiring certain refinements to be made in the control system.

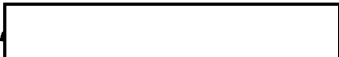
The force required to elevate the light table was found to be objectionably high when the table was being elevated about the short axis. The design is currently being changed to incorporate a small motor to replace the manually operated crank.

At present,  is approximately 2 weeks behind schedule which called for March 11 delivery.

25X1

25X1



There has been a considerable delay in the delivery of the main castings. This has been due to manufacturing problems at the foundry. As a result,  deliveries are approximately 3 weeks behind schedule.

25X1

25X1

PROJECTED WORK FOR MARCH

25X1

[redacted] The changes dictated by the initial performance test will be incorporated and the unit will be reassembled and made ready for final test toward the end of the month.

25X1

25X1

[redacted] 95% of the fabricated parts will be completed and assembly [redacted] will be approximately 40% completed.

SUMMARY OF CORRESPONDENCE

25X1

Meeting 10-11 February [redacted] Persons  
present: [redacted] customer [redacted]

25X1

25X1

25X1

25X1

Demonstration [redacted] - although the mechanical and electrical assembly [redacted] was not complete, the unit was set up for a "first look" type demonstration. A breadboard containing the electronic circuitry was connected to the light table so that one film channel could be operated. Customer was not completely satisfied with the low speed operation of the power assist in regard to smoothness of operation. [redacted] indicated that this could be improved and would be.

25X1

Customer was concerned with the torque required to tilt the light table. He asked that consideration be given to the incorporation of a motor for this purpose.

The unit was found to weight 145 pounds. It was estimated that the final weight would be about 10 pounds heavier.

FINANCIAL REPORT

Financial reports for December and January are enclosed.